

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	13904	(fan or blower or wheel or compressor) same foam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/08 09:03
L4	124	L3 and "128"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/08 09:03
L6	0	(09/050555).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/07/08 10:41
S1	2	US-6302105-\$.DID. OR US-2002005197-\$.DID. OR DE-20213232-\$.DID. OR GB-373146-\$.DID. OR EP-1302666-\$.DID. OR WO-03055551-\$.DID. OR FR-2663547-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 15:37
S2	1	("2002005197").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/06/08 15:37
S3	1	ceqlielski-m\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 15:50
S4	23	grasmuck-g\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 15:55
S5	1199	128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:16
S6	48	128/204.19.ccls. not 128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:16
S7	1313	128/204.18.ccls. not 128/204.19.ccls. not 128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:17

S8	320	454/906.ccls. not 128/204.18.ccls. not 128/204.19.ccls. not 128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:26
S9	327	181/212.ccls. not 454/906. ccls. not 128/204.18.ccls. not 128/204.19.ccls. not 128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:26
S10	687	"128"/\$.ccls. and centrifugal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 16:50
S11	5432	(centrifugal with (fan or blower or wheel)) and noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 17:03
S12	2455	S11 and (vibrat\$4 or sound or soundproof\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 17:05
S13	67	S11 and soundproof\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 17:05
S14	78	S12 and ventilator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/08 17:07
S15	198	415/124.2.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 12:52
S16	1	DE-20213232-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/14 13:07
S17	42874	(damping or dampening or reduction) same noise	FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/14 13:28
S18	194	S17 and (respirat\$3 or inhal \$5 or exhal\$5 or breath\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/14 13:30
S19	111229	(damping or dampening or reduction) same noise	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 13:48
S20	3762	S19 and (respirat\$3 or inhal \$5 or exhal\$5 or breath\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 13:48
S22	275	S20 and baffle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 13:48

S23	3576	S20 not "123"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 13:52
S24	344	S23 and "128"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 13:52
S25	2052	415/119.cls. not 415/124.2. cls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 14:23
S26	560	S25 and (centrifugal or scroll or volute)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/06/14 14:27
S27	10	("3317124"   "3584469"   "4171190"   "4568243"   "6050890"   "6507135").PN. OR ("7189053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:33
S28	8	("20070140836"   "20070160458"   "20080175705"   "4568243"   "6745149"   "7189053"   "7255529"   "7312991").PN. OR ("7885065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:34
S29	23	("2127979"   "2717748"   "2885142"   "2936141"   "3143284"   "3323763"   "3874191").PN. OR ("4171190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:39
S30	18	("0508634"   "4171190"   "4471248"   "4617484"   "4783608"   "5027026"   "5044897").PN. OR ("5306123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:42
S31	8	("20060175926"   "20070222326"   "20070267924"   "20080024019"   "20080143198"   "5306123"   "6844636"   "7659644"). PN. OR ("7745964").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:42
S32	15	("20010023638"   "20060175926"   "20080007125"   "20080009354"   "20080143198"   "4647803"   "4952836"   "6747378"   "6826010"   "7015605"   "7056218"   "7175916").PN. OR ("7659644").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:44

S33	69	("1852807"   "2874008"   "3217195"   "3253170"   "3483407"   "3512021"   "3527969"   "4056744"   "4099104").PN. OR ("4647803").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 14:46
S34	24	("1688891"   "3546504"   "4647803"   "4819439"   "4924675"   "5022039"   "5061867"   "5079466"   "5132584"   "5235227"   "5376850"   "5537810"   "5777405"   "5798887"   "5802837"   "5844748").PN. OR ("6160331").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 15:51
S35	14	("20010048261"   "20020046565"   "4543506"   "4825983"   "5027026"   "5068556"   "5306123"   "5694268"   "5704111"   "6084330"   "6137194"   "6144131"   "6664712"   "6856059").PN. OR ("7737583").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/14 16:05
S36	715	(respirator or ventilator or CPAP) and (blower or centrifugal or fan or turbine) and ((noise or sound or acoustic) same (reduction or mut\$3 or damp\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 13:40
S37	8	US-3690317-\$.DID. OR US- 4261353-\$.DID. OR US- 5673687-\$.DID. OR US- 6115539-\$.DID. OR US- 6644311-\$.DID. OR US- 7413173-\$.DID. or US- 20050178383-\$.DID. OR US- 20070169776-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 13:44
S38	1	WO-2004046556-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 15:12
S39	1028	417/363.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 16:28
S41	2099	415/206,204.ccls. not 415/119.ccls. not 415/124.2. ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 16:30

S42	650	181/207,208.ccls. not 181/212.ccls. not 454/906. ccls. not 128/204.18.ccls. not 128/204.19.ccls. not 128/204.21.ccls. not (@pd<="19710105" and USPT.DBNM.) not (usocr adj1 database).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 16:31
S43	481	(S39 or S41 or S42) and ((damping or dampening or reduction) same noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/06 16:32
S44	9	("5140819"   "5161939"   "6193463").PN. OR ("6474960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/06 16:52
S45	8	("20070140836"   "20070160458"   "20080175705"   "4568243"   "6745149"   "7189053"   "7255529"   "7312991").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/07 08:48
S46	7	("3317124"   "3584469"   "4171190"   "4568243"   "6050890"   "6507135").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/07 08:50
S47	79	("3099985"   "3502100"   "3726270"   "3741208"   "3914994"   "3995661"   "4119096"   "4206754"   "4312235"   "4396034"   "4449525"   "4481944"   "4519399"   "4558710"   "4579114"   "4592880"   "4677975"   "4747403"   "4773411"   "4802485"   "4819629"   "4856506"   "4905789"   "4928684"   "4938210"   "4957107"   "4986269"   "4989599"   "5046491"   "5048515"   "5063922"   "5063938"   "5099837"   "5107830"   "5107831"   "5129390"   "5148802"   "5165398"   "5178138"   "5199424"   "5203343"   "5230330"   "5231979"   "5231983"   "5239994"   "5239995"   "5245995"   "5280784"   "5303698"   "5303700"   "5311875"   "5322057"   "5335656"   "5339850"   "5373842"   "5388571"   "5394870"   "5398673"   "5400777"   "5404871"   "5443061"   "5458137"   "5479920"   "5501433"   "5509404"   "5509414"	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/07 09:19

		"5535739"   "5546933"   "5590648"   "5608647"   "5633552"   "5642730"   "5655520"   "5655522"   "5673687"   "5713082"   "5715812").PN.				
S48	9	("5140819"   "5161939"   "6193463").PN. OR ("6474960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/07 09:39
S49	1	(09/354383).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/07/07 09:39
S50	1	(08/965256).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/07/07 10:11
S51	94	(US-20020176773-\$ or US- 20020056453-\$ or US- 20080143198-\$ or US- 20070267924-\$ or US- 20080007125-\$ or US- 20010048261-\$ or US- 20050281501-\$ or US- 20050210622-\$ or US- 20050103339-\$ or US- 20040035422-\$ or US- 20030230307-\$ or US- 20020009376-\$ or US- 20020015647-\$).did. or (US- 5950621-\$ or US-5906203-\$ or US-5818131-\$ or US- 6234767-\$ or US-6478016-\$ or US-7631498-\$ or US- 7476076-\$ or US-7885065-\$ or US-7189053-\$ or US- 4568243-\$ or US-7637717-\$ or US-6507135-\$ or US- 4171190-\$ or US-6158978-\$ or US-5397950-\$ or US- 5311625-\$ or US-5306123-\$ or US-6747378-\$ or US- 4647803-\$ or US-7145275-\$ or US-6160331-\$ or US- 7550881-\$ or US-7382068-\$ or US-6137196-\$ or US- 6107706-\$ or US-5770133-\$ ).did. or (US-7737583-\$ or US-4825983-\$ or US- 6013960-\$ or US-4617484-\$ or US-4471248-\$ or US- 4902203-\$ or US-3874191-\$ or US-3323763-\$ or US- 3143284-\$ or US-2127979-\$ or US-7144219-\$ or US- 6575696-\$ or US-6435818-\$ or US-6217281-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2011/07/07 15:55

		5388956-\$ or US-5352089-\$ or US-4930981-\$ or US- 4174020-\$ or US-3688867-\$ or US-6644311-\$ or US- 5673687-\$ or US-6837260-\$ or US-6488485-\$ or US- 6216691-\$ or US-5816781-\$ or US-5720274-\$ or US- 4611531-\$).did. or (US- 4289449-\$ or US-3840067-\$ or US-7861708-\$ or US- 6474960-\$ or US-6155801-\$ or US-5388970-\$ or US- 5354182-\$ or US-5281106-\$ or US-4264282-\$ or US- 5501433-\$ or US-6418927-\$ ).did. or (US-3420184-\$ or US-3255957-\$ or US- 2268046-\$ or US-3483407-\$ or US-2823598-\$ or US- 2160666-\$ or US-2083996-\$ or US-2061535-\$ or US- 1938799-\$ or US-3327610-\$ or US-2486619-\$ or US- 2060980-\$ or US-1903855-\$ ).did. or (EP-345699-\$).did. or (JP-2011082225-\$ or JP- 2009180472-\$ or EP- 1643131-\$).did.				
S52	9	S51 and Hz	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/07 15:56
S53	94	(US-20020176773-\$ or US- 20020056453-\$ or US- 20080143198-\$ or US- 20070267924-\$ or US- 20080007125-\$ or US- 20010048261-\$ or US- 20050281501-\$ or US- 20050210622-\$ or US- 20050103339-\$ or US- 20040035422-\$ or US- 20030230307-\$ or US- 20020009376-\$ or US- 20020015647-\$).did. or (US- 5950621-\$ or US-5906203-\$ or US-5818131-\$ or US- 6234767-\$ or US-6478016-\$ or US-7631498-\$ or US- 7476076-\$ or US-7885065-\$ or US-7189053-\$ or US- 4568243-\$ or US-7637717-\$ or US-6507135-\$ or US- 4171190-\$ or US-6158978-\$ or US-5397950-\$ or US- 5311625-\$ or US-5306123-\$	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2011/07/07 16:51

		or US-6747378-\$ or US-4647803-\$ or US-7145275-\$ or US-6160331-\$ or US-7550881-\$ or US-7382068-\$ or US-6137196-\$ or US-6107706-\$ or US-5770133-\$).did. or (US-7737583-\$ or US-4825983-\$ or US-6013960-\$ or US-4617484-\$ or US-4471248-\$ or US-4902203-\$ or US-3874191-\$ or US-3323763-\$ or US-3143284-\$ or US-2127979-\$ or US-7144219-\$ or US-6575696-\$ or US-6435818-\$ or US-6217281-\$ or US-5388956-\$ or US-5352089-\$ or US-4930981-\$ or US-4174020-\$ or US-3688867-\$ or US-6644311-\$ or US-5673687-\$ or US-6837260-\$ or US-6488485-\$ or US-6216691-\$ or US-5816781-\$ or US-5720274-\$ or US-4611531-\$).did. or (US-4289449-\$ or US-3840067-\$ or US-7861708-\$ or US-6474960-\$ or US-6155801-\$ or US-5388970-\$ or US-5354182-\$ or US-5281106-\$ or US-4264282-\$ or US-5501433-\$ or US-6418927-\$).did. or (US-3420184-\$ or US-3255957-\$ or US-2268046-\$ or US-3483407-\$ or US-2823598-\$ or US-2160666-\$ or US-2083996-\$ or US-2061535-\$ or US-1938799-\$ or US-3327610-\$ or US-2486619-\$ or US-2060980-\$ or US-1903855-\$).did. or (EP-345699-\$).did. or (JP-2011082225-\$ or JP-2009180472-\$ or EP-1643131-\$).did.				
S54	3	S53 and inertia	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2011/07/07 16:51

### EAST Search History (Interference)

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